



# GreenUp Lowbay G2 - A brighter solution for safer workspaces

## GreenUp Lowbay G2

Good lighting is essential in industrial workspaces and large indoor areas. The wrong choice of lights or a lighting not correctly planned can lead to eye strain, fatigue, and poor performance, compromising safety and productivity. The Philips GreenUp Lowbay G2 luminaire is a simple LED solution which efficiently illuminates work areas, creating a brighter and better work, retail or sporting environment. With its crisp, white light and high colour rendering index coupled with energy efficiency, high visibility and enhances safety 24/7. Equipped with motion detection function, this easy-to-install and low-maintenance lighting solution is suitable for a variety of applications.

### Benefits

- High energy saving up to 73% comparing to HPI-P system.
- Lighting for need, is able to achieve additional 10% energy saving through occupancy and motion-based dimming.
- Comfort light quality
- Easy installation and retrofitting

### Features

- High efficacy: 120 lumens per watt
- Provides option of 1~10V motion detection sensor version on 8800lm
- Consistent colour rendering CRI>80 and R9>0
- Micro lens structure to realise the accurate distribution good glare control
- Five choices of optional accessories make it suitable for various applications
- Lifetime of 50,000 hours @L70B50 with end-to-end Philips production quality assurance

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## Application

- Industrial workspaces
- Open areas
- Warehouses
- Retail stores
- Stadiums

## Versions



BY288P



BY288P LED40

## Product details



GreenUp Lowbay G2 BY288P



GreenUp Lowbay G2 BY288P w  
Reflector



GreenUp Lowbay G2 BY288P Pipe



GreenUp Lowbay G2 BY288P  
Bracket

# GreenUp Lowbay G2

## Product details



GreenUp Lowbay G2 BY288P Back



GreenUp Lowbay G2 BY288P Chain



GreenUp Lowbay G2 BY288P LED40



GreenUp Lowbay G2 BY288P Sensor



GreenUp Lowbay G2 BY288P PIR Front



GreenUp Lowbay G2 BY288P PIR Side



GreenUp Lowbay G2 BY288Z SM P



GreenUp Lowbay G2 Mounting Bracket

Accessories



BY288X PIR Sensor  
Ordercode 911401517331



BY268Z RL  
Ordercode 911401541511,  
911401542111



BY268Z SM P  
Ordercode 911401541811



BY269Z MB  
Ordercode 911401541911,  
911401542011

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Driver failure rate at 5,000 hours	0.01 %
<b>Application Conditions</b>	
Ambient temperature range	-20 to +45 °C
Suitable for random switching	No
<b>Approval and Application</b>	
Mech. impact protection code	IK03
Ingress protection code	IP20
<b>Operating and Electrical</b>	
Input Voltage	220-400 V
<b>General Information</b>	
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	O
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	No
<b>Initial Performance (IEC Compliant)</b>	
Initial chromaticity	(0.313.0.324)SDC M<5
Init. Corr. Colour Temperature	6500 K
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
<b>Mechanical and Housing</b>	
Colour	Grey
<b>Over Time Performance (IEC Compliant)</b>	
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

## Application Conditions

Order Code	Full Product Name	Maximum dimming level
911401842799	BY288P LED90/CW PSU EN	-
911401842999	BY288P LED90/CW PSR EN	10%
911401843399	BY288P LED60/CW PSU EN	-
911401842899	BY288P LED40/CW PSU EN	-

## Controls and Dimming

Order Code	Full Product Name	Dimmable
911401842799	BY288P LED90/CW PSU EN	No
911401842999	BY288P LED90/CW PSR EN	Yes

Order Code	Full Product Name	Dimmable
911401843399	BY288P LED60/CW PSU EN	No
911401842899	BY288P LED40/CW PSU EN	No

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401842799	BY288P LED90/CW PSU EN	117 lm/W	8800 lm	75 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401842999	BY288P LED90/CW PSR EN	117 lm/W	8800 lm	75 W

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Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401843399	BY288P LED60/CW PSU EN	118 lm/W	5900 lm	50 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401842899	BY288P LED40/CW PSU EN	120 lm/W	3600 lm	30 W

